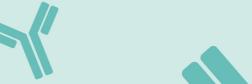
# antibodies - online.com







# anti-DBNL antibody (N-Term)



**Images** 



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Quantity:	100 μL	
Target:	DBNL	
Binding Specificity:	N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DBNL antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)	

#### **Product Details**

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus	
	region of human HIP55. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Cow (Bovine)	
Cross-Reactivity (Details):	Mouse (92 %), Rat (92 %), Bovine (84 %)	
Characteristics:	Rabbit Polyclonal antibody to HIP55 (drebrin-like)	
	HIP55 antibody [N1], N-term	
Purification:	Purified by antigen-affinity chromatography.	

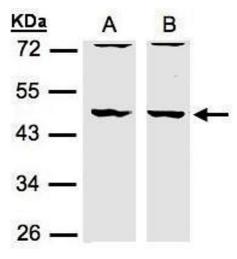
## **Target Details**

Target:	DBNL	
Alternative Name:	HIP55 (DBNL Products)	
Background:	Actin-binding adapter protein. May act as a common effector of antigen receptor-signaling	
	pathways in leukocytes. Its association with dynamin suggests that it may also connect the	
	actin cytoskeleton to endocytic function. Acts as a key component of the immunological	
	synapse that regulates T-cell activation by bridging TCRs and the actin cytoskeleton to gene	
	activation and endocytic processes. Binds to F-actin but is not involved in actin polymerization,	
	capping or bundling. Does not bind G-actin.	
	Cellular Localization: Cytoplasm , cytoskeleton , Cell projection , lamellipodium	
Molecular Weight:	48 kDa	
Gene ID:	28988	
Pathways:	TCR Signaling, Regulation of Actin Filament Polymerization	
Application Details		
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded	
	sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal	
	dilutions/concentrations should be determined by the researcher.Suggested	
	dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-	
	1:1000* Western blot1:500-1:3000*	
Comment:	Positive Control: HeLaS3 , Molt-4	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	1XPBS, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE	
	which should be handled by trained staff only.	
Storage:	-20 °C	

Storage Comment:

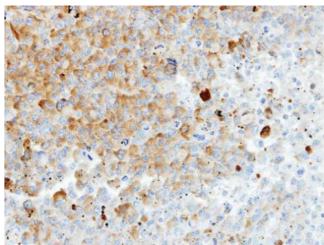
Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

### **Images**



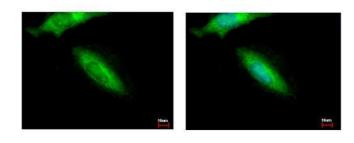
#### **Western Blotting**

**Image 1.** WB Image Sample(30  $\mu$ g of whole cell lysate) A:HeLa S3, B:MOLT4, 10% SDS PAGE antibody diluted at 1:1500



#### **Immunohistochemistry**

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded H1299 xenograft, using HIP55, antibody at 1:100 dilution.



#### **Immunofluorescence**

**Image 3.** ICC/IF Image HIP55 antibody [N1], N-term detects DBNL protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: DBNL protein stained by HIP55 antibody [N1], N-term , diluted at 1:500. Blue: Hoechst 33343 staining.